

Harness Spreader Report

Inspection certificate number: **Misc_147-2020**

Manufacturer data:

Manufacturer name: **AIR MKG - Kortel Design**
 Representative: **Max Jeanpierre**
 Street: **1096 Avenue André Lasquin**
 Post code place: **74700 Sallanches**
 Country: **France**

Sample data:

Name Spreader **Soft**
 Max Load [kg]: **240**
 Serial number: **n/a**
 Date of reception: **08.05.2020**

Test data

Place of test **Villeneuve**
 Date of test: **13.05.2020**
 Inspector: **Alain Zoller**

Atmosphere AGL:

[C°]	21.7
RH [%]	46
[hPa]	962.5

Summary of Spreader's test

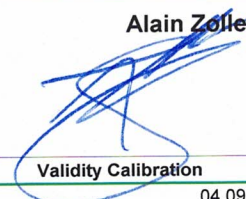
Test id	Test configuration ⁽²⁾	Top Att. Point	Bottom Attachment point		Min. Load [N]	Result
1	Induced load from the pilot and a heavy passenger (short) to the main point	Main	Pilot	Short	21600.00	POSITIVE
2	Induced load from the pilot and a light passenger (long) to the main point	Main	Pilot	Long	21600.00	n/a
3	Induced load from the pilot and a heavy passenger (short) to the rescue point	Rescue	Pilot	Short	21600.00	n/a
4	Induced load from the pilot and a light passenger (short) to the rescue point	Rescue	Pilot	Long	21600.00	n/a
5	Induced load from the main point to between the spreader bar	Main	between the spreader bar		9600.00	n/a

Issue data

Place of declaration **Villeneuve**
 Date of issue: **14.05.2020**

Managing director
 Signature:

Alain Zoller



Manufacture	Instrument	Type no	S/N	Validity Calibration
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	04.09.2023

This signature approve the validity of the test reports if available. **Air Turquoise SA**, having thoroughly assessed the sample mentioned above, declare it was found conform with all requirements defined by the following norms:

Airworthiness Requirements **LTF NFL II 91/09**

The model had been tested according to Nfl II 35/03 point 3.2.3, up to 9G of its total weight in flight or at least 1350 daN during 10 seconds.

⁽¹⁾ Calculated value in tests reports include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

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Name **Spread Soft**

Test 1

Standard **LTF NfL II 91/09**
 Test setup **Induced load from the pilot and a heavy passenger (short) to the main point**

Min. Required load [g] **9**
 Min. Required load [N] **21600**
 Min. Required duration [s] **10**

Result

Test duration [s] **14**
 Any signs of structural failure **No**
 Test results **POSITIVE**

